

=> fil reg

FILE 'REGISTRY' ENTERED AT 13:35:28 ON 07 NOV 2006  
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=> d his nofile

(FILE 'HOME' ENTERED AT 11:10:20 ON 07 NOV 2006)

FILE 'HCAPLUS' ENTERED AT 11:10:37 ON 07 NOV 2006  
E US20040139566/PN

L1 1 SEA US2004139566/PN

FILE 'REGISTRY' ENTERED AT 11:11:02 ON 07 NOV 2006

L2 5 SEA (9003-17-2/BI OR 9003-27-4/BI OR 9003-53-6/BI OR  
9004-32-4/BI OR 9005-25-8/BI)

L3 STR

L4 SCR 1607

L5 SCR 2040

L6 STR L3

L7 28 SEA SSS SAM L6

L8 50 SEA SSS SAM L6 AND (L4 AND L5)

L9 STR L6

L10 STR L6

L11 STR L6

L12 STR L6

L13 50 SEA SSS SAM L12 AND (L4 AND L5)

L14 63149 SEA SSS FUL L12 AND (L4 AND L5)

SAV L14 NGU166/A

L15 STR L9

L16 STR L10

L17 STR L11

L18 4 SEA SUB=L14 SSS SAM L15

L19 52 SEA SUB=L14 SSS FUL L15

SAV L19 NGU166S1/A

L20 12 SEA SUB=L14 SSS SAM L16

L21 254 SEA SUB=L14 SSS FUL L16

SAV L21 NGU166S2/A

L22 8 SEA SUB=L14 SSS SAM L17

L23 93 SEA SUB=L14 SSS FUL L17

SAV L23 NGU166S3/A

FILE 'HCAPLUS' ENTERED AT 12:39:43 ON 07 NOV 2006

L24 14 SEA L19

L25 96 SEA L21

L26 11 SEA L23

L27 259157 SEA (CELLULOS? OR PAPER?)/SC,SX

L28 0 SEA L27 AND L24

L29 1 SEA L27 AND L25

L30 0 SEA L27 AND L26

FILE 'REGISTRY' ENTERED AT 12:51:58 ON 07 NOV 2006

L31 1 SEA CELLULOSE/CN

L32 1 SEA 9004-32-4/RN

L33 1 SEA 9005-25-8/RN

FILE 'HCAPLUS' ENTERED AT 13:17:19 ON 07 NOV 2006

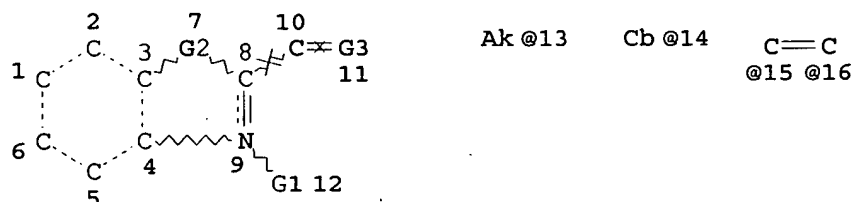
L34 93281 SEA L31

L35 26498 SEA L32  
 L36 82069 SEA L33  
 L37 399285 SEA LIGNOCELLULOS? OR CELLULOS? OR LIGNIN?  
 L38 247082 SEA STARCH? OR POLYSACCHARIDE# OR POLY(A)SACCHARIDE#  
 L39 0 SEA (L34 OR L35 OR L36 OR L37 OR L38) AND L24  $\leftarrow n=0, R^2, R^5 \& N-C-C \text{ forms a ring}$   
 L40 5 SEA (L34 OR L35 OR L36 OR L37 OR L38) AND L25  $\leftarrow n=0, R^2 \& B \text{ forms a ring}$   
 L41 1 SEA (L34 OR L35 OR L36 OR L37 OR L38) AND L26  $\leftarrow n=1, R^2 \& R^3 \text{ forms a ring}$   
 L42 1459801 SEA PAPER? OR FIBER?  
 L43 4 SEA L42 AND L24  
 L44 30 SEA L42 AND L25  
 L45 4 SEA L42 AND L26  
 L46 10 SEA L24 NOT L43  
 L47 5 SEA L40 NOT L29  
 L48 28 SEA L44 NOT L47  
 L49 4 SEA L45 NOT L41

FILE 'REGISTRY' ENTERED AT 13:35:28 ON 07 NOV 2006

=> d l14 que stat

L4 SCR 1607  
 L5 SCR 2040  
 L12 STR



VAR G1=13/14  
 VAR G2=N/C/15-3 16-8/O/S  
 VAR G3=N/C

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM  
 GGCAT IS UNS AT 14  
 DEFAULT ECLEVEL IS LIMITED  
 ECOUNT IS M1-X6 C AT 13

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE

L14 63149 SEA FILE=REGISTRY SSS FUL L12 AND (L4 AND L5)

100.0% PROCESSED 201898 ITERATIONS  
 SEARCH TIME: 00.00.03

63149 ANSWERS

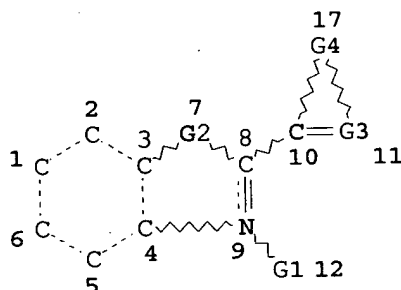
=> d l15 que stat

L15 STR

[illegible]

$N=O$ ,  $R^2$ ,  $R^5$  &  $N-C-C$   
forms a ring

Ak @13      Cb @14      C=C  
@15 @16

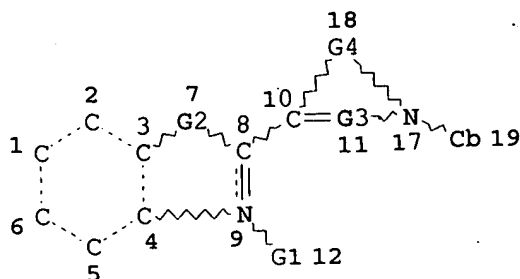


$n=0$ ,  $R^2 \subseteq B$  forms a ring

STEREO ATTRIBUTES: NONE

=> d 117 que stat  
L17 STR

Ak@13 Cb@14 C=C  
@15 @16



VAR G1=13/14  
VAR G2=N/C/15-3 16-8/O/S  
VAR G3=N/C  
REP G4=(2-4) A  
NODE ATTRIBUTES:  
DEFAULT MLEVEL IS ATOM  
GGCAT IS UNS AT 14  
GGCAT IS UNS AT 19  
DEFAULT ECLEVEL IS LIMITED  
ECOUNT IS M1-X6 C AT 13

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 19

STEREO ATTRIBUTES: NONE

=> fil hcap  
FILE 'HCAPLUS' ENTERED AT 13:36:14 ON 07 NOV 2006  
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=> d 143 ibib abs hitstr hitind 1-4

L43 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1985:407850 HCAPLUS  
DOCUMENT NUMBER: 103:7850  
TITLE: Dye compositions containing basic dyes and a  
laking agent  
INVENTOR(S): Degen, Hans Juergen  
PATENT ASSIGNEE(S): BASF A.-G., Fed. Rep. Ger.  
SOURCE: Ger. Offen., 13 pp.  
CODEN: GWXXBX  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3329340	A1	19850307	DE 1983-3329340	

MEI HUANG EIC1700 REM4B28 571-272-3952

07/11/2006